



**GOLDPHYRE**  
RESOURCES LIMITED

**ANNUAL GENERAL MEETING  
27 NOVEMBER 2012  
EXPLORATION UPDATE**

*A new mineral exploration company targeting overlooked and underexplored greenstone belts in the Eastern Goldfields of Western Australia*

**INVESTOR PRESENTATION**

## FORWARD LOOKING STATEMENT DISCLAIMER

This announcement contains forward-looking statements which involve a number of risks and uncertainties. These forward looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

## COMPETENT PERSONS STATEMENT

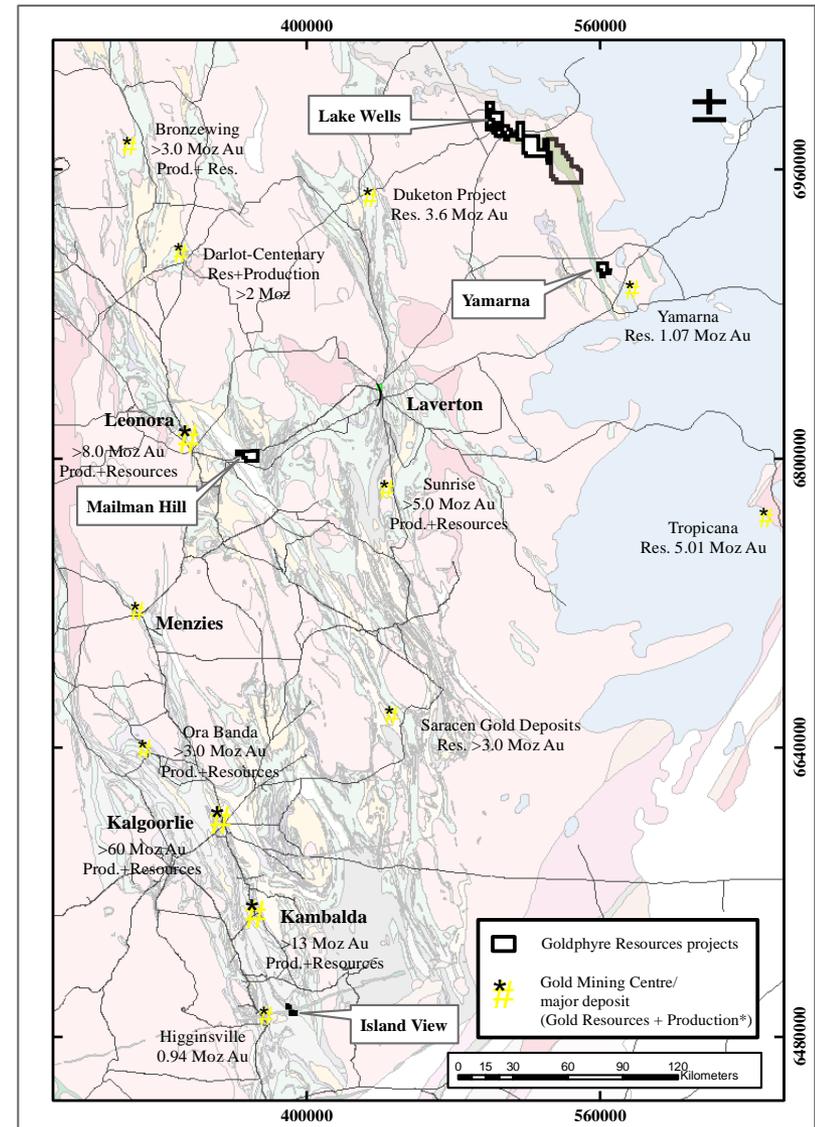
The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Brenton Siggs who is a member of the Australasian Institute of Geoscientists. Mr Siggs is contracted to the company through Reefus Geology Services and is a Non-Executive Director (Exploration Manager) of Goldphyre Resources Limited. Mr Siggs has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity currently being undertaken to qualify as a Competent Person as defined in the 2004 edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Siggs consents to the inclusion in this report of this information in the form and context in which it appears.

- Goldphyre Resources Limited (ASX:GPH) listed on the ASX on the 20th December, 2011
- Tightly held Share Register – 26,732,010 shares on issue with a market capitalisation of \$3.74 million (closing share price \$0.14 26/11/2012)
- Tightly knit and experienced Board of Directors
- Actively exploring 100% owned exploration projects in emerging gold regions of the Eastern Goldfields
- Significant and high-grade gold intercepts recorded from first RC drilling at Axford Prospect, Lake Wells
- Gold and base-metal anomalies generated on regional targets at Lake Wells and base-metal anomaly at Mailman Hill
- Four new 100% owned projects acquired to date

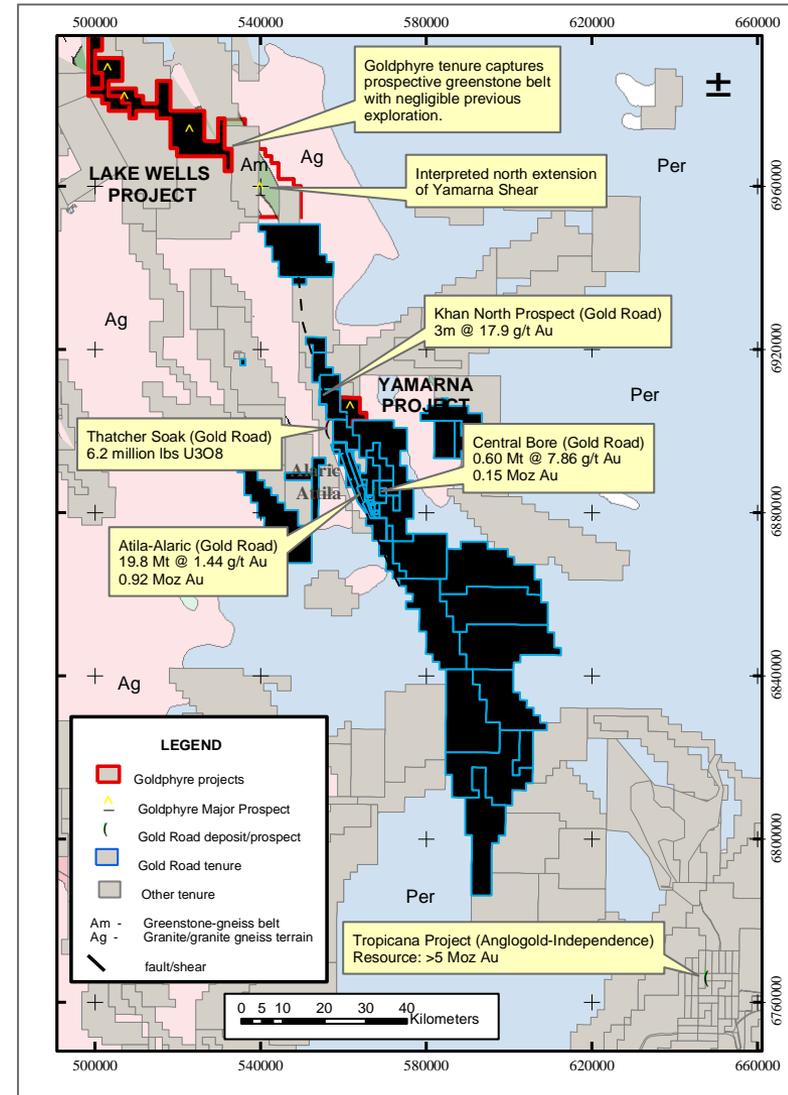


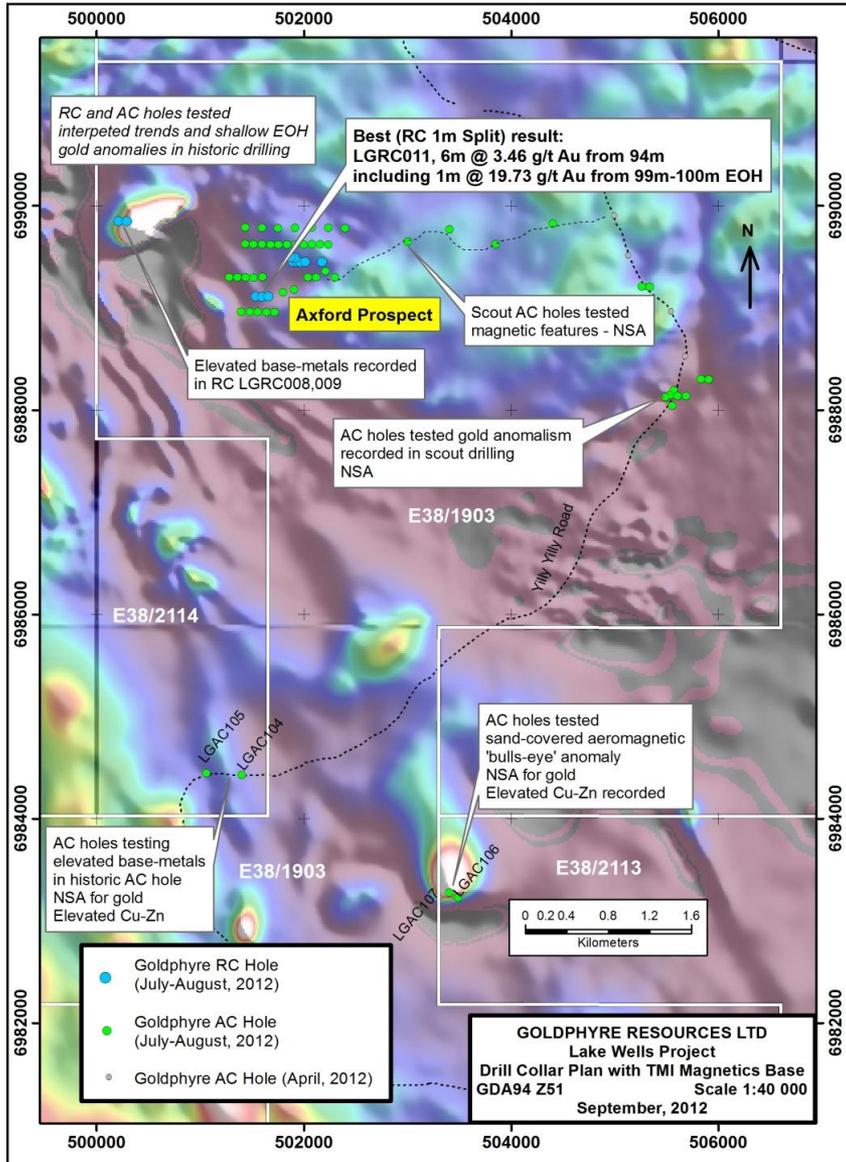
# WHAT SETS GOLDPHYRE APART FROM THE REST?

- Prospective ground UNDEREXPLORED and OVERLOOKED!
- Exciting project areas in inadequately explored parts of the Eastern Goldfields, particularly Lake Wells.
- Along trend exploration success from neighbouring explorers - In the right location - Right Now!
- Competent exploration management with discovery success
- Low administration costs – maximising exploration dollars on and in the ground!



- Large ground holding (550 km<sup>2</sup>) and granted tenure cover the Yamarna, Mount Gill and Ulrich Range greenstone belts.
- Lake Wells also secures approximately 30km of the interpreted northern extension of the Yamarna Shear.
- Regional neighbours Regis Resources (Moolart Well) and Gold Road Resources (Yamarna) developing new gold projects.
- Historic exploration recorded very shallow, End-of-Hole Air Core (AC) drill-hole anomalies (including 3m @ 0.42 g/t Au from 18-21m EOH) with no follow up deeper Reverse Circulation (RC) until the Goldphyre drill program in July, 2012.
- Several AC and RC gold anomalies recorded including a high-grade RC gold results of 1m @ 19.73 g/t Au (LGRC011).

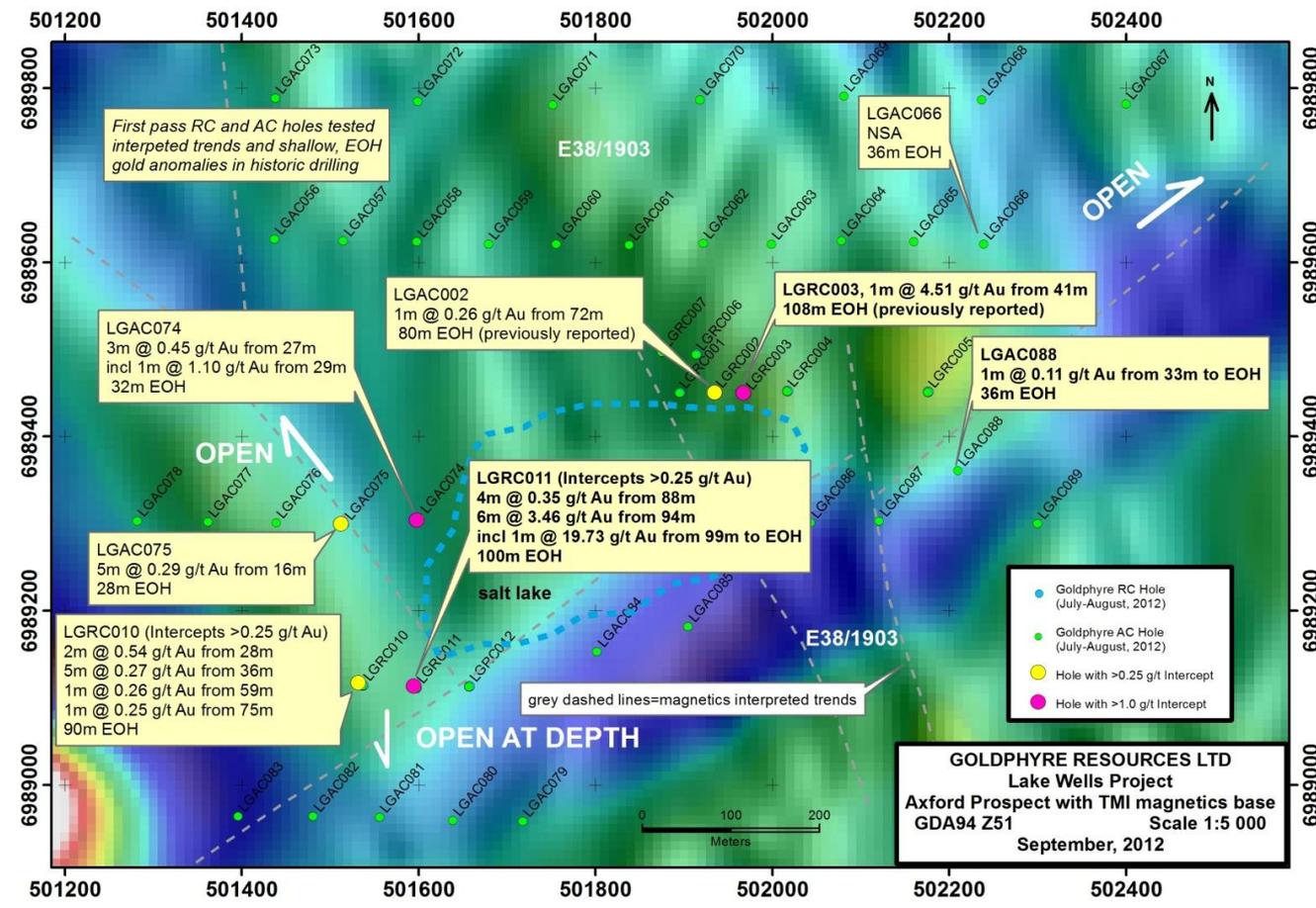




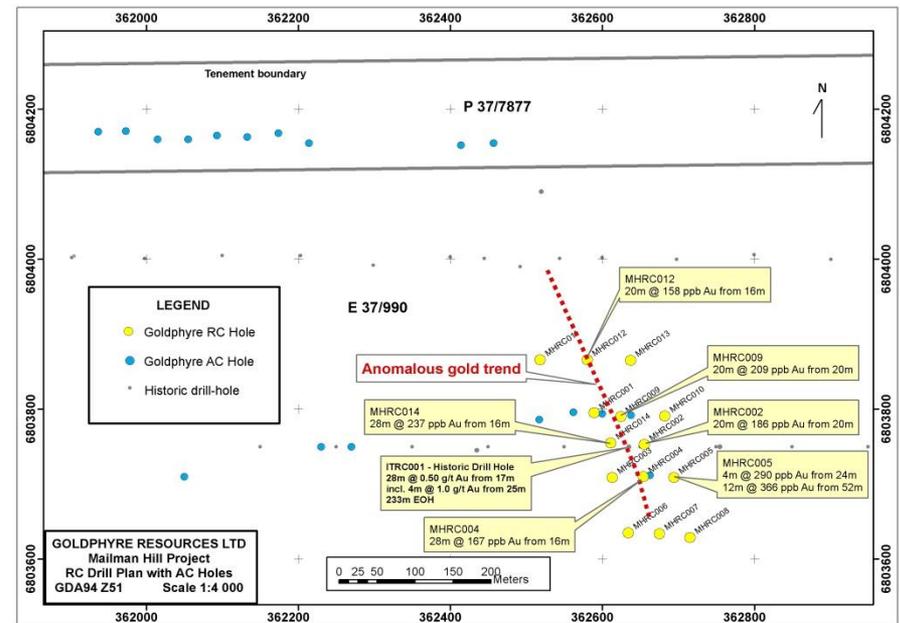
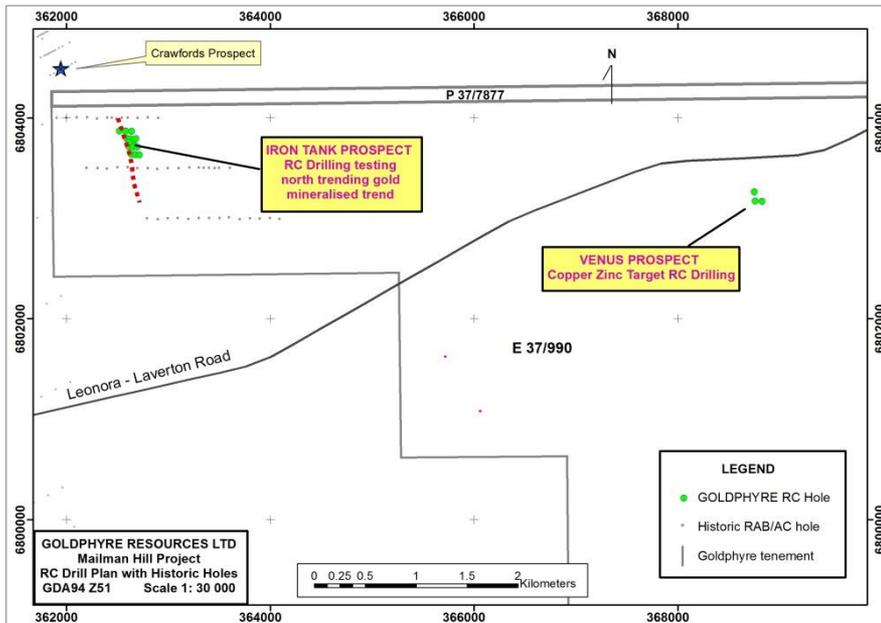
- Large ground holding (550 km<sup>2</sup>) and granted Total metres drilled Lake Wells Project to 31 October, 2012 – **158 holes, 6,391m.**
- Successful reconnaissance AC drilling on EAST Area recorded elevated gold and PGEs.
- Successful AC/RC on WEST Area recorded anomalous and significant gold intercepts in the first and follow-up drill campaigns.
- Several AC and RC gold anomalies recorded including a high-grade RC gold results of 1m @ 19.73 g/t Au in a broader zone of 6m @ 3.46 g/t Au (LGRC011).

■ Significant results from Axford AC and RC drilling:

- 6m @ 3.46 g/t Au (incl. 1m @ 19.73 g/t)
- 1m @ 4.51 g/t Au
- 1m @ 1.10 g/t Au



- Large property captures a gold-base metals prospective zone near the 8 Million ounce Leonora Gold Camp.
- AC and RC drilling (**35 holes, 1,871m**) completed at Iron Tank and Venus prospects. Persistent gold anomalism reported and base-metals anomalism (8m @ 0.24% Zn from 60m, MHRC015) reported at the Venus Prospect.



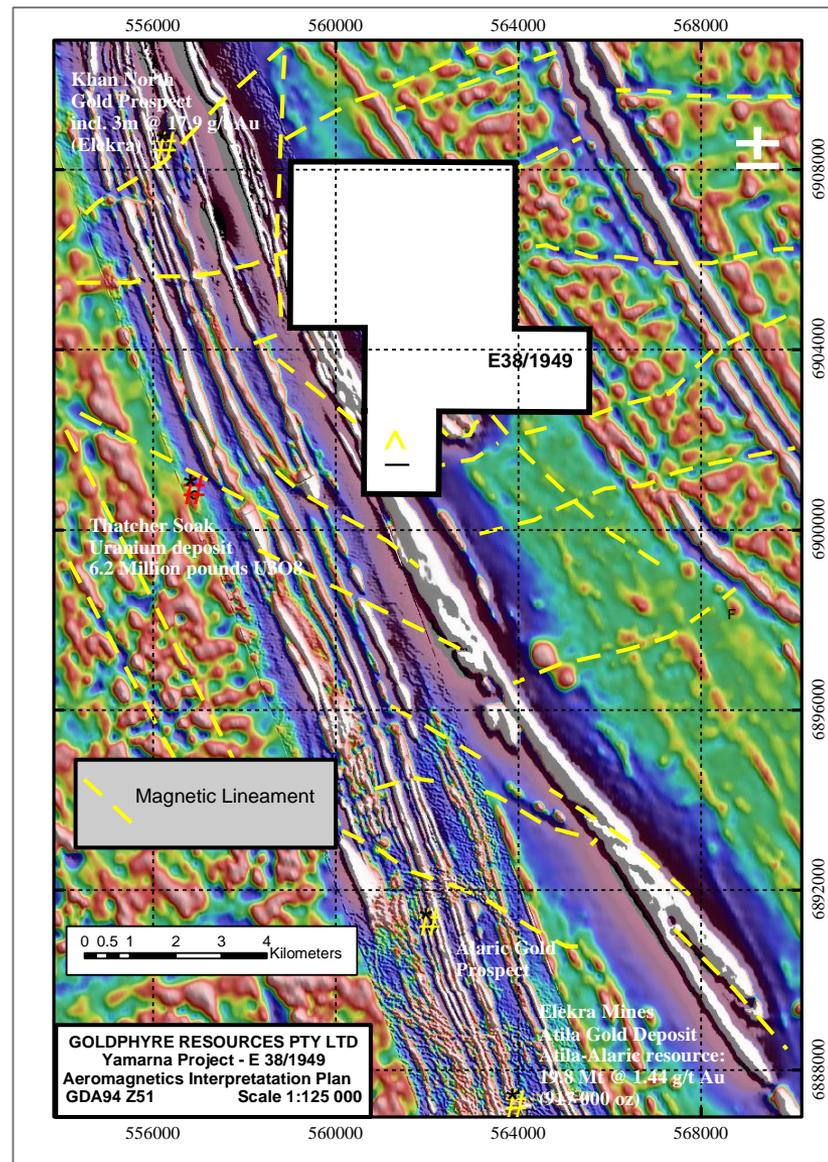
RC drill rig onsite at the Iron Tank prospect



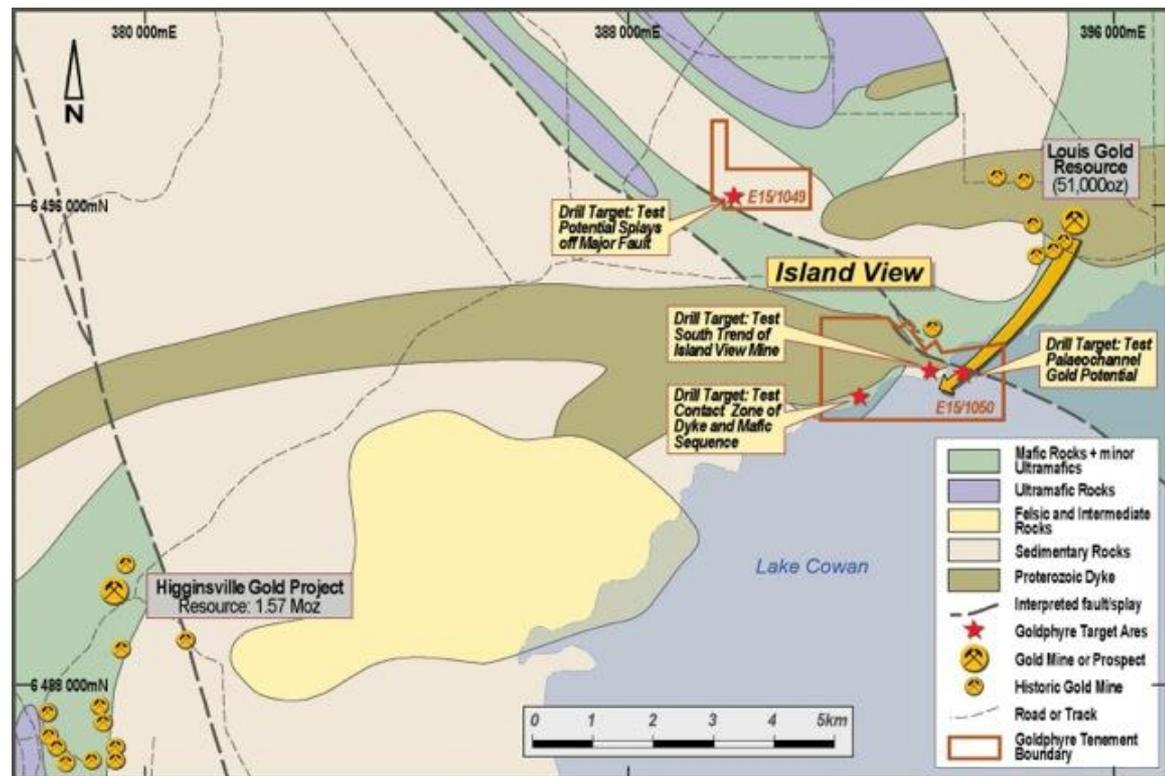
Exploration fly camp



- Project consists of E38/1949 with an area of 30 km<sup>2</sup> and lies to the north of the large tonnage, low grade Attila-Alaric gold deposit and the recently discovered, high-grade Central Bore gold deposit.
- Exploration to date confined to remote sensing and targeting with field reconnaissance due to ongoing negotiations for exploration access with the Yilka Claimant group.



- Project consists of two tenements located between the Higginsville gold operations and recently mined palaeochannel gold mines.
- Island View has had negligible historic drilling and requires systematic geochemistry and a first pass drilling program to assess the project.
- Reconnaissance AC drilling using a lake rig is proposed for the March 2013 quarter.

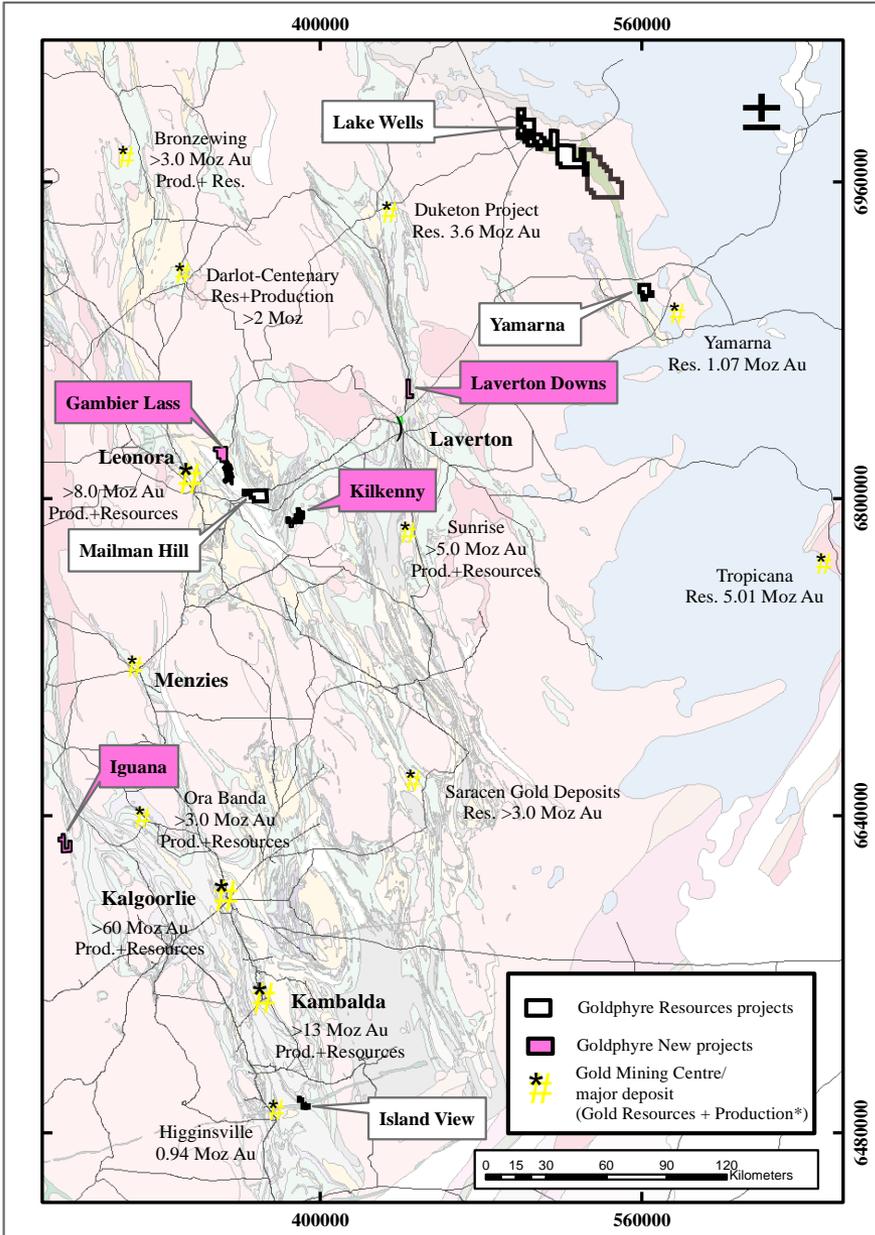


# PROJECT ACQUISITIONS

# NEW PROJECTS

- (All 100% Goldphyre and secured through DMP applications)

TENEMENT STATUS	PROJECT	TENEMENT
Application	Laverton Downs	ELA 38/2274
Application	Gambier Lass	ELA 37/1140, PLA 37/8250- PLA 37/8267, PLA 37/8276- PLA 37/8277
Application	Kilkenny	ELA 39/1702, PLA 39/5310- PLA 39/5329
Application	Iguana	ELA 16/447



- Exploration Licence application (ELA 38/2724) was lodged for an area prospective for gold at Laverton Downs. The application was the subject of a three way ballot in which Goldphyre was successful and obtained first priority over the ground applied for.
- Preliminary studies of previous explorers' reports show ELA 38/2724 has historic gold-in-hole results (200-500 ppb Au range), significant gold deposits and mines in the region and has a prospective structural setting.
- Data compilation, drill targeting and field reconnaissance is scheduled to commence in early 2013.





Checking historic drilling, Gambier Lass

- Prospective gold and base-metals tenure (approximately 66 km<sup>2</sup>)
- An historic exploration report<sup>1</sup> included Rotary Air Blast (RAB) drill assay results and one composite sample returned high copper and zinc values. This area requires further detailed research to carefully evaluate the authenticity or otherwise of high base metal values.
- Historic gold mines are located adjacent to the Gambier Lass
- Project and the stratigraphy is similar to the Teutonic Bore and
- Jaguar base-metal mine located to the north of the project.
- Upon granting of tenements, exploration planned includes data compilation, targeting and geochemistry/scout drilling.

## KILKENNY

- The Kilkenny Project is located approximately 60 kilometres southeast of Leonora. Preliminary studies of historic exploration data indicate the Kilkenny Project has historic gold workings with recorded gold production.
- Historic research has revealed strongly anomalous gold values in soil geochemistry, encouraging gold intercepts in historic percussion drill-holes and prospective structural targets.

## IGUANA

- ELA 16/447 was applied for over prospective ground at Iguana, an area approximately 80 kilometres northwest of Kalgoorlie.
- This area was targeted due to a prospective structural setting, the presence of historic workings in the vicinity and the close proximity along trend (approximately 500m from the tenement boundary) of the Iguana open pit gold mine (2007 resource of 181 500 oz gold<sup>2</sup>).

<sup>2</sup> Reference: Monarch Gold Mining Company Limited, Media Release, 6<sup>th</sup> November, 2007, page 1

# AIMS AND OBJECTIVES - DECEMBER 2012 QUARTER AND BEYOND

- Further systematic evaluation and drill testing and assay results where required of priority gold prospects – Axford and surrounds.
- Evaluation and drill testing where required of existing priority gold and base-metal targets and prospects on Lake Wells, Mailman Hill, Yamarna and Island View.
- Generate and prioritise geochemical, structural and geophysical targets on recently acquired projects.
- Actively seek and evaluate additional project and ground opportunities.





**GOLDPHYRE**  
RESOURCES LIMITED

**THANK YOU**

Photomicrograph\* of native gold grain in quartz-pyrite vein material from LGRC011, Axford Prospect, Lake Wells (image width approx 0.5mm, courtesy of Mason Geoscience, 2012)